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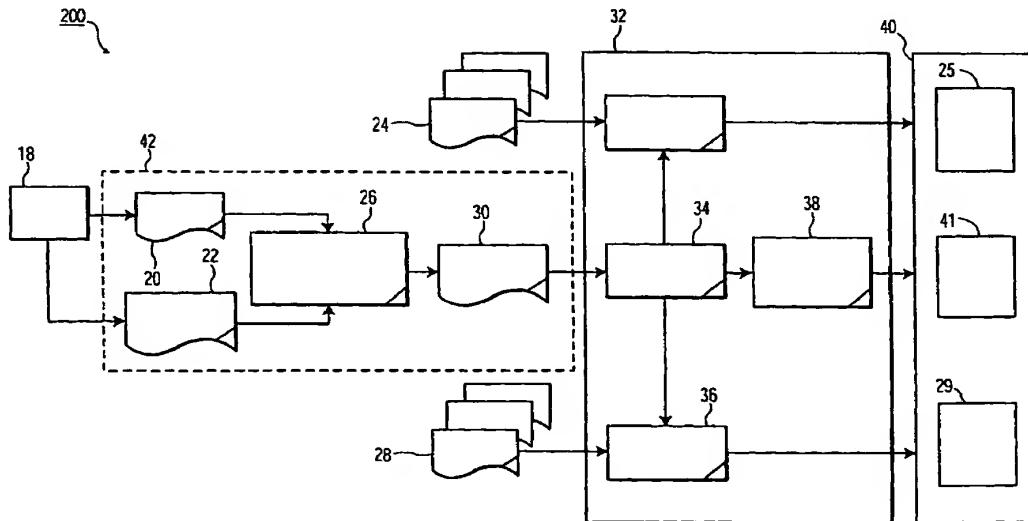
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(54) Title: SYSTEM AND METHOD FOR CONTROLLING A ROBOT



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(57) Abstract: The present invention is directed to a computer-implemented system and method for controlling robots (41) using a high-level programming language. The invention defines three programming languages, i.e., two high-level languages and a low-level language. A first high-level programming language is referred to herein as a robot scenario language (RSL) (20), in which an end-user (18) creates a robotic presentation (40) in terms of high-level behaviors or actions. A second high-level language, referred to herein as a robot behavior language (RBL) comprised of templates for describing how each high level behavior or action in the high-level (RSL) language is to be transformed or mapped into low-level language commands for directly controlling the hardware of the robot (41). The low-level language referred to herein as a robot hardware language (RHWL).



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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 02/29715 A (ANNAPOORNA NAYAK PANGAL ; KENT RIDGE DIGITAL LABS (SG); SITIRAM RANGAN) 11 April 2002 (2002-04-11) page 1, lines 11-26 page 2, lines 7-18 page 8, lines 31-34 page 9, line 5 - page 10, line 17 page 11, line 18 - page 13, line 30 page 16, line 11 - page 19, line 15 figure 2; table 5</p> <p>----- -/-</p>	1-15

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